

# MA5.2K

Lightweight, High power, High performance amplifier

## PRELIMINARY DATA

### features

- Worldwide mains operating voltage
- Power Factor Correction
- Over-temperature forecasting
- Thermal, short-circuit and overload protection
- Temperature controlled air cooling system
- Clip and permanent signal limiter
- Digital gain attenuation
- Interactive LCD matrix
- PC remote control, monitoring and diagnostics

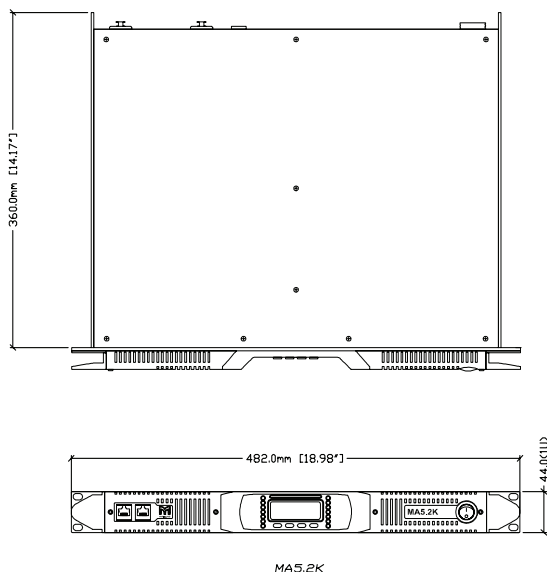


### applications

- Live sound reinforcement
- Fixed installations

The MA5.2K is the latest addition to the renowned range of MA Series amplifiers. The MA5.2K utilises the Pulse Width Modulation principle in combination with a high efficiency two stage switching power supply to deliver true class D operation with unparalleled sonic performance and hitherto unobtainable power delivery. Occupying only 1U of rack space, weighing a mere 8kg (17.6lbs) and, with 2 x 2600 watts output into 4 ohms, the MA5.2K is a cost effective, high performance solution to many amplification requirements.

### overall dimensions



### technical specifications

#### MAX OUTPUT POWER

EIA AT 1 kHz AND 1% THD	
8Ω PER CHANNEL	1400 W
4Ω PER CHANNEL	2600 W
2Ω PER CHANNEL	2800 W

#### DISTORTION

THD FROM 0.1W TO FULL POWER	< 0.05% (typically)
INTERMODULATION SMPTE	< 0.05% (typically)
INTERMODULATION DIM 30	< 0.05% (typically)
S/N RATIO	> 112dBA (20Hz to 20kHz)
DAMPING FACTOR (8 ohm)	> 5000 (20Hz – 200Hz)
SLEW RATE (8 ohm)	50 V/μs

#### INPUTS

GAIN SELECTABLE (dB)	26, 29, 32, 35
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#### FRONT PANEL

DISPLAY	Interactive LCD matrix
INDICATORS	2 x Multi-function 7 segment LED Bargraph
MENU NAVIGATION	4 x Digital Push Button
NETWORK	2 x RJ45
DATA STORAGE & TRANSFER	Smart Card Reader

#### REAR PANEL

INPUT CONNECTORS	2 x Neutrik XLR (female) Input 2 x Neutrik XLR (male) Link
OUTPUT CONNECTORS	2 x Neutrik Speakon
LINK SWITCH	Channel A-B Link
DATA PORT	RS485 Via RJ45

#### POWER

OPERATION VOLTAGE	AC: 95-265V (50/60Hz)
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#### DIMENSIONS

WIDTH	483mm (19ins)
HEIGHT	44mm (1.75ins) 1U
DEPTH	360mm (14.2ins)
WEIGHT	8kg (17.6lbs)

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